

Application No.: 09/864,298
Amendment under 37 CFR 1.111
Reply to Office Action dated November 24, 2004
February 24, 2005

AMENDMENTS TO THE CLAIMS

Please substitute the following claims for the pending claims with the same numbers respectively:

Claim 1 (Currently amended): An image data administration apparatus comprising:

a data communication unit connected to at least one terminal equipment of a customer and at least one photographic printer via a network;

an image data memory for memorizing a plurality of image data with respect to each customer transmitted from the terminal equipment;

an image information memory for memorizing a keyword ~~at least one information attached~~ associated with and transmitted with each image data;

an image data selector for selecting ~~[[all]]~~ image data ~~having a specific information among~~ associated with a specific keyword ~~from~~ the image data memorized in the image data memory when the specific ~~information~~ keyword transmitted from the terminal

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equipment of the customer is received; and

an index image data processor for forming an index image data in which a plurality of thumbnail images corresponding to the image data selected by the image data selector ~~or selected by the customer~~ are arranged in a predetermined order and for outputting the index image data via the data communication unit to at least one of the terminal equipment of the customer and the photographic printer.

Claim 2 (Currently amended): The image data administration apparatus in accordance with claim 1, further comprising: a print order processor for forming a print order file including ~~instructions to a photographic printer which is~~ printing conditions instructed by the customer and for transmitting the image data and the index image data with the print order file so as to make the printer print photographic prints corresponding to the image data and an index print corresponding to the index image data.

Claim 3 (Currently amended): The image data administration apparatus in accordance with claim 1, wherein the image information ~~attached with each image data includes at least one of a~~

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~~predetermined~~ memory further memorizing date information ~~with~~
~~respect to~~ of a date [[at]] on which the image of the image data is
taken , and the plurality of thumbnail images are arranged with
respect to date and ~~a predetermined object information with respect~~
~~to an object in the image.~~

Claim 4 (Currently amended): The image data administration
apparatus in accordance with claim 1, wherein

the image data selector further has a function ~~secondary for~~
of selecting at least one secondary image data among the image data
having the specific ~~information corresponding to~~ keyword in
accordance with a selection made by the customer when the data
communication unit further receives an instruction data
~~corresponding to~~ regarding the selection from the terminal
equipment of the customer; and

the index image data processor renews the index image data
~~corresponding to~~ in accordance the selection made by the customer
~~with using~~ incorporating the secondary ~~selected~~ image data and
outputs renewed index image data to the terminal equipment of the
customer.

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Claim 5 (Currently amended): The image data administration apparatus in accordance with claim 4, further comprising:

a print order processor for forming a print order file including printing conditions ~~instructions to a photographic printer which is~~ instructed by the customer and for transmitting the image data and the renewed index image data with the print order file so as to make the printer print photographic prints corresponding to the image data and an index print corresponding to the index image data.

Claim 6 (Currently amended): An image data administration system comprising an image data administration apparatus, at least one photographic printer and a network for communicating the image data administration apparatus and the photographic printer to at least one terminal equipment of a customer, wherein

the image data administration apparatus ~~further comprises~~ includes:

a first data communication unit connected to the network so as to communicate with the terminal equipment and the photographic printer;

an image data memory for memorizing a plurality of image

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data with respect to each customer transmitted from the terminal equipment;

an image information memory for memorizing ~~at least one information attached~~ a keyword associated with and transmitted with each image data;

a first image data selector for selecting a first set of image data ~~having a~~ associated with a specific information among keyword from the image data memorized in the image data memory when the specific ~~information~~ keyword designated by and transmitted from the terminal equipment of the customer is received;

a first index image data processor for forming a first index image data in which a plurality of thumbnail images corresponding to the first set of image data are arranged in a predetermined order and for outputting the first index image data to the terminal equipment of the customer via the first data communication unit;

a second image data selector ~~secondary~~ for selecting from the image data at least one secondary image data ~~among the image data~~ having the specific ~~information corresponding to~~ keyword in accordance with a selection data transmitted from the terminal equipment of the customer; and

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a second index image data processor for renewing the first index image data ~~corresponding to~~ incorporate the secondary selected image data in accordance with the selection by the customer ~~with using secondary selected image data~~ and for outputting renewed index image data to the terminal equipment of the customer; and

a print order processor for forming a print order file including ~~instructions to a photographic printer which is~~ printing conditions instructed by the customer and for transmitting the image data and the renewed index image data with the print order file and for outputting them to the photographic printer via the first data communication unit when the second index image data are confirmed by the customer;

the photographic printer ~~further comprises~~ includes:

a second data communication unit for receiving the image data and the renewed index image data with the print order file from the image data administration apparatus;

an exposing unit for exposing a sensitized surface of a photographic paper by using the image data and the index image data; and

a developing unit for developing the exposed photographic

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paper for ~~printing~~ making photographic prints of images
corresponding to the image data and for printing an index print of
thumbnail images corresponding to the index image data.

Claim 7 (Original): The image data administration system in accordance with claim 6, wherein the terminal equipment of the customer has a monitor display, and a data communication unit of the image data administration apparatus transmits the index image data to the terminal equipment of the customer to be displayed on the monitor display.

Claim 8 (Currently amended): The image data administration system in accordance with claim 6, wherein the photographic printer ~~further comprises~~ includes a control unit for calculating forecasted termination time when all the photographic prints instructed in the print order file will be completed, and the second data communication unit transmits the forecasted termination time to the first data communication unit of the image data administration apparatus.

Claim 9 (Currently amended): The image data administration

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system in accordance with claim 8, wherein the terminal equipment of the customer has a monitor display, and the first data communication unit of the image data administration apparatus ~~re-~~
~~transmits~~ transmits the calculating forecasted termination time to the terminal equipment of the customer to be displayed on the monitor display.

Claim 10 (Currently amended): The image data administration system in accordance with claim 6, wherein ~~the information attached with each image data includes at least one of a predetermined~~ the image date memory further memorizes date information ~~with respect to~~ of a date ~~[[at]]~~ on which the picture of the image data is taken photographed and the plurality of thumbnail images are arranged with respect to the dates ~~a predetermined object information with respect to an object in the image.~~

Claim 11 (Currently amended): A method for administrating image data comprising the steps of:

memorizing image data ~~into~~ in a specific folder in an image data memory of an image data administration apparatus ~~corresponding to~~ in accordance with a customer's ID ~~attached~~ associated with each

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image data, when the image data are transmitted from a terminal equipment of a customer communicated with the image data administration apparatus via a network;

memorizing ~~at least one information attached a keyword~~
associated with and transmitted with each image data ~~into~~ in a specific folder in an image information memory of the image data administration apparatus;

selecting ~~[[all]]~~ image data associated with a specific keyword from ~~having a specific information among~~ the image data memorized in the image data memory when the specific ~~information~~ keyword is transmitted from the terminal equipment of the customer;

forming an index image data in which a plurality of thumbnail images corresponding to the selected image data are arranged in a predetermined order; and

outputting the index image data to at least one of the terminal equipment of the customer and a photographic printer.

Claim 12 (Currently amended): The method for administrating image data in accordance with claim 11, further comprising the step of forming a print order file including ~~instructions to a~~
~~photographic printer which is~~ printing conditions instructed by the

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customer and for transmitting the image data and the index image data with the print order file to the photographic printer so as to make the printer print photographic prints corresponding to the image data and an index print corresponding to the index image data.

Claim 13 (Currently amended): The method for administrating image data in accordance with claim 11, wherein ~~the information attached with each image data includes at least one of a~~ predetermined the step for memorizing a keyword, further memorizes a date information with respect to of a date [[at]] on which a picture of the image data is taken and a predetermined object information with respect to an object in the image.

Claim 14 (Currently amended): The method for administrating image data in accordance with claim 11, further comprising the steps of:

~~secondary~~ secondarily selecting at least one image data ~~among~~ from the image data ~~having the~~ associated with the specific ~~information corresponding to~~ keyword in accordance with a selection by the customer when an instruction data ~~corresponding to~~ for the selection is transmitted from the terminal equipment of the

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customer;

renewing the index image data ~~corresponding to the selection~~
~~by the customer with using secondary~~ by incorporating the
secondarily selected image data;

and outputting the renewed index image data to the terminal
equipment of the customer.

Claim 15 (Currently amended): The method for administrating
image data in accordance with claim 14, further comprising the
steps of:

forming a print order file including ~~instructions to a~~
~~photographic printer which is~~ printing conditions instructed by the
customer when a confirming data for confirming the renewed index
image data by the customer is received; and

transmitting the image data corresponding to the images
included in the renewed index image data and the renewed index
image data with the print order file to the photographic printer so
as to make the printer print photographic prints corresponding to
the image data and an index print corresponding to the index image
data.

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Claim 16 (Currently amended): A program for administrating image data comprising the steps of:

receiving at least one image data and ~~at least one information~~ attached with each image data which are transmitted from a terminal equipment of a customer via a network;

memorizing the image data ~~into~~ in a specific folder in an image data memory corresponding to a customer's ID ~~attached~~ associated with each image data;

memorizing the ~~information into~~ data of the keyword in a specific folder in an image information memory;

receiving an instruction designating a specific ~~information~~ keyword and transmitted from the terminal equipment of the customer;

selecting ~~all the image data having~~ associated with the specific ~~information among~~ keyword from the image data memorized in the image data memory;

forming an index image data in which a plurality of thumbnail images corresponding to the selected image data are arranged in a predetermined order; and

outputting the index image data to the terminal equipment of the customer.

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Claim 17 (Currently amended): The program for administrating image data in accordance with claim 16, further comprising the steps of:

receiving from the terminal equipment of the customer a instruction data including confirmation of change of the index image data ~~transmitted from the terminal equipment of the customer;~~

selecting ~~at least one~~ from the image data ~~among the image data having~~ in the memory at least one secondary image data associated with the specific information corresponding to keyword in accordance with the instruction data;

renewing the index image data ~~corresponding to~~ in accordance with the instruction data ~~by the customer with using secondary selected~~ incorporating the secondary image data; and

outputting the renewed index image data to the terminal equipment of the customer.

Claim 18 (Currently amended): The program for administrating image data in accordance with claim 17, further comprising the steps of:

receiving a from the terminal equipment of the customer

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instruction data including confirmation with respect to the index image data and order with respect to printing of photographic prints ~~from the terminal equipment of the customer;~~

forming a print order file including instructions to a photographic printer ~~corresponding to~~ in accordance with the instruction data; and

transmitting the image data and the index image data with the print order file to the photographic printer so as to make the printer print photographic prints corresponding to the image data and an index print corresponding to the index image data.

Claim 19 (Currently amended): The program for administering image data in accordance with claim 16, further comprising the steps of:

receiving from the terminal equipment of the customer a instruction data including confirmation or instruction of change with respect to the index image data ~~from the terminal equipment of the customer;~~

selecting from the image data at least one secondary image data ~~among the image data~~ having the specific ~~information~~ corresponding to keyword in accordance with the instruction data;

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renewing the index image data ~~corresponding to~~ in accordance
with the instruction data transmitted by the customer ~~with using to~~
incorporate the secondary selected image data;

forming a print order file including ~~instructions to a~~
~~photographic printer corresponding to~~ printing conditions in
accordance with the instruction data; and

transmitting the image data and the index image data with the
print order file to the photographic printer so as to make the
printer print photographic prints corresponding to the image data
and an index print corresponding to the index image data.

Claim 20 (Currently amended): A recording medium recording a
program for administrating image data, wherein the program
comprising the steps of:

receiving ~~at least one~~ image data and ~~at least one information~~
~~attached~~ a data of a keyword associated with each image data which
are transmitted from a terminal equipment of a customer via a
network;

memorizing the image data ~~into~~ in a specific folder in an
image data memory corresponding to a customer's ID attached with
each image data;

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memorizing the ~~information into~~ the data of the keyword a specific folder in an image information memory;

receiving an instruction designating a specific keyword ~~information transmitted~~ from the terminal equipment of the customer;

selecting ~~all the image data having~~ associated with the specific ~~information among~~ keyword in the image data memorized in the image data memory;

forming an index image data in which a plurality of thumbnail images corresponding to the selected image data are arranged in a predetermined order; and

outputting the index image data to the terminal equipment of the customer.

Claim 21 (Currently amended): The recording medium recording the program for administrating image data in accordance with claim 20, wherein the program further comprising the steps of:

receiving from the terminal equipment of the customer ~~[[a]]~~ an instruction data including ~~confirmation~~ an instruction ~~[[of]]~~ to change ~~[[of]]~~ the index image data ~~transmitted from the terminal equipment of the customer;~~

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selecting from the image data at least one secondary image
~~data among the image data having~~ associated with the specific
~~information corresponding to~~ keyword designated by the instruction
data;

renewing the index image data ~~corresponding to~~ in accordance
with the instruction data ~~[[by]]~~ from the customer in incorporating
the ~~with using~~ secondary ~~selected~~ image data; and

outputting the renewed index image data to the terminal
equipment of the customer.

Claim 22 (Currently amended): The recording medium recording
the program for administrating image data in accordance with claim
21, wherein the program further comprising the steps of:

receiving from the terminal equipment of the customer a
instruction data including confirmation with respect to the index
image data and order with respect to printing of photographic
prints ~~from the terminal equipment of the customer;~~

forming a print order file including instructions to a
photographic printer ~~corresponding to~~ in accordance with the
instruction data; and

transmitting the image data and the index image data with the

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print order file to the photographic printer so as to make the printer print photographic prints ~~corresponding to~~ in accordance with the image data and an index print corresponding to the index image data.

Claim 23 (Currently amended): The recording medium recording the program for administrating image data in accordance with claim 20, wherein the program further comprising the steps of:

receiving a instruction data including confirmation or instruction of change with respect to the index image data ~~from the terminal equipment of the customer;~~

selecting at least one image data ~~among the image data~~ having the specific ~~information corresponding to~~ keyword from the image data in accordance with the instruction data;

renewing the index image data ~~corresponding to~~ in accordance with the instruction data ~~[[by]] from the customer with using incorporating the secondary selected image data;~~

forming a print order file including instructions to a photographic printer ~~corresponding to~~ in accordance with the instruction data; and

transmitting the image data and the index image data with the

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print order file to the photographic printer so as to make the
printer print photographic prints corresponding to the image data
and an index print corresponding to the index image data.